

81803-5

5/14/2014

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MAY 14 2014

Mr. William F. Stoneman  
Authorized Agent for Austin Grant, Inc., DBA: JET Harvest Solutions  
W.F. Stoneman Company, LLC  
P.O. Box 465  
McFarland, WI 53558-0465

Re: Austin Grant, Inc., DBA: JET Harvest Solutions; Bio-Save® 10 LP Biological Fungicide  
EPA Registration No. 81803-5  
PRIA 3: Non-Fast Track Amendment (B680)  
Non-PRIA 3: Product Chemistry Notification and Minor Label ("Fast Track") Amendment

Type of Application	Date of Original Application	OPP Decision Number
Minor Label Amendment	May 2, 2013	478879
Product Chemistry Notification	July 22, 2013	481732
PRIA 3 Amendment	November 27, 2013	487065

Dear Mr. Stoneman:

The U.S. Environmental Protection Agency (EPA) has reviewed your request to amend the Bio-Save® 10 LP Biological Fungicide registration, which included the following changes to the product label:

- 1) Correction of minor formatting inconsistencies and typographical errors.
- 2) Addition of claims and use instructions associated with applications to sugar beet for control of *Penicillium* sp. and gray mold (*Botrytis cinerea*).
- 3) Addition of a claim associated with previously approved applications to sweet potatoes for control of Rhizopus soft rot (*Rhizopus stolonifera*).
- 4) Adjustment of the percentage of ingredients from "29.8%" to "28.61%" (active ingredient) and from "70.2%" to "71.39%" (other ingredients) in the Ingredient Statement.

CONCURRENCES

SYMBOL	SURNAME	DATE					
7511P	KAUSCH	05/14/2014	7511P Borgus	7511P Majcher			
			5/14/14	5/14/14			

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- 5) Modification of the EPA Establishment Number.
- 6) Correction of an error in the previously approved use instructions for applications to sweet potatoes.
- 7) Addition of the following statement to the Container Handling section in the Storage and Disposal box: "If burned, stay out of smoke."
- 8) Addition of "To the extent consistent with applicable law" to a sentence in the Warranty Statement section to align with information presented in Chapter 12, Section IX of the EPA's Label Review Manual (Revised November 2013).

Additionally, in an application dated July 22, 2013 (OPP Decision No. 481732), you notified the EPA that Austin Grant, Inc., DBA: JET Harvest Solutions, added an alternate formulation confidential statement of formula (CSF) to the Bio-Save® 10 LP Biological Fungicide registration. Subsequently, in an application dated November 27, 2013 (OPP Decision No. 487065), you provided the EPA with data (e.g., manufacturing process and quality processes) to support the product chemistry notification. Because this new application required scientific review of data, the EPA determined that this action was a Pesticide Registration Improvement Extension Act (PRIA 3) amendment and that it superseded the product chemistry notification. Through the PRIA 3 amendment and at the EPA's request, you updated the CSF on file for Bio-Save® 10 LP Biological Fungicide. There is now only one valid CSF for this product registration: a basic formulation dated April 17, 2014. All previously accepted Bio-Save® 10 LP Biological Fungicide CSFs have been superseded by the aforementioned CSF.

All the changes referred to above, submitted in connection with registration under section 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), are acceptable provided that you submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for further description of final printed labeling.

William F. Stoneman  
EPA Registration No. 81803-5

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions regarding this letter, please contact Ms. Jeannine Kausch of my staff by telephone (703-347-8920) or email (*kausch.jeannine@epa.gov*).

For your records, we have enclosed the associated May 6, 2014, EPA Memorandum and a stamped, accepted copy of the label.

Sincerely,



Kimberly Nesci, Chief  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)

Enclosures (3):

- Bio-Save® 10 LP Biological Fungicide Stamped, Accepted Label
- A-79 Enclosure
- May 6, 2014, EPA Memorandum

# BIO-SAVE<sup>®</sup> 10 LP

## Biological Fungicide

- A post-harvest biological disease preventative for citrus fruit (lemons, oranges, and grapefruit), pome fruit (apples and pears), cherries, potatoes, sweet potatoes and sugar beets.
- Aids in the control of blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*) on cherries.
- Aids in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on potatoes.
- Aids in the control of green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) on citrus fruit (lemons, oranges, and grapefruit).
- Aids in the control of blue mold (*Penicillium expansum*), gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on pome fruit (apples and pears).
- Aids in the control of *Penicillium* sp. and gray mold (*Botrytis cinerea*) on sugar beets.
- Aids in the control of Rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes.

### ACTIVE INGREDIENT:

*Pseudomonas syringae* Strain ESC-10..... 28.61%\*

OTHER INGREDIENTS: ..... 71.39%

TOTAL 100.00%

\*Note: Contains a minimum of  $9 \times 10^{10}$  colony forming units per gram of formulated product.

### KEEP OUT OF REACH OF CHILDREN

## WARNING

**Atencion:** Si ud. No lee Ingles, no use este producto hasta que el etiqueta haya sido explicada ampliamente.

### PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (such as goggles, face shield, or safety glasses) when mixing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### FIRST AID

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

**Environmental Hazards:** Do not contaminate water when disposing of equipment wash waters or rinsate.

Austin Grant Inc., DBA  
**JET Harvest Solutions<sup>®</sup>**

Post Office Box 915139  
Longwood, FL 32791-5139  
Telephone: 407-523-7842  
Toll Free: 877-866-5773  
Facsimile: 407-298-2377

EPA Reg. No. 81803-5  
EPA Establishment No. 89198-WI-001  
Patent No. 5,554,368

Net Weight: 500 grams (1.1 lb.),  
250 grams (8.8 oz.), 150 grams (5.3 oz.)

### DIRECTIONS FOR USE

It is in violation of Federal law to use this product in a manner inconsistent with its labeling.

### GENERAL INFORMATION

- Compatible with many common post-harvest practices, including fungicide applications.
- Easy to apply with most conventional application equipment.
- Ideal for integrated disease management programs.

### USE RESTRICTIONS

**Bio-Save<sup>®</sup> 10 LP Biological Fungicide** is a biological control agent for post-harvest applications only. Do not add directly to waxes, soaps or sanitizers. Do not add to chlorinated water. Apply most chemical fungicides after **Bio-Save<sup>®</sup> 10 LP Biological Fungicide** has been applied. Contact your JET Harvest Solutions technical advisor for more information.

### MIXING INSTRUCTIONS

**Bio-Save<sup>®</sup> 10 LP Biological Fungicide** must be suspended in water for at least 10-30 minutes prior to use. Agitate periodically to maintain suspension and agitate the suspension prior to application to fruit or vegetables. After opening sealed container, use entire contents of **Bio-Save<sup>®</sup> 10 LP Biological Fungicide**.

### CITRUS FRUIT (Lemons, Oranges, and Grapefruit)

**Bio-Save<sup>®</sup> 10 LP Biological Fungicide** controls decay of citrus fruit caused by green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) during storage and transport.

**Non-recovery Spray:** Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Agitate the mixture to ensure proper suspension. Apply by drip or spray system to freshly cleaned citrus fruit, prior to waxing. Apply over soft, clean brushes or donut rolls.

### CHERRIES

**Bio-Save<sup>®</sup> 10 LP Biological Fungicide** controls decay of cherries by blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*).

**Conventional Dip or Drench:** Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Agitate the mixture to ensure proper suspension. Drench cherries thoroughly. Recycled dip/drench suspension will need to be recharged at intervals dependent on individual customer use; consult a JET Harvest Solutions technical advisor for more information.

ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under FPA Reg. No. 81803-5

### DIRECTIONS FOR USE, Continued

**Overhead Application System:** Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to cherries prior to packaging. Uniform coverage is required. Recycled suspension will need to be recharged at intervals dependent on individual customer use; consult a JET Harvest Solutions technical advisor for more information. Best control is obtained with an application rate of 1 gallon of suspension to 2,000-4,000 lbs. of cherries.

### POME FRUIT (Apples and Pears)

**Bio-Save® 10 LP Biological Fungicide** controls decay caused by blue mold (*Penicillium expansum*), including benzimidazole-resistant strains, gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on apples and pears in both cold storage and controlled atmosphere storage.

**Bio-Save® 10 LP Biological Fungicide** is effective on these and other pome fruits: d'Anjou pears and the following apple cultivars: Red Delicious, Golden Delicious, Granny Smith, Fuji, Rome, Empire, Gala, Ida red, Jonathan, and Macintosh.

**Conventional Dip or Drench:** Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 gallons of water. Agitate the mixture to ensure proper suspension. Treat pome fruit for at least one minute. Recycled dip/drench suspensions will need to be recharged at intervals dependent on individual use conditions; consult a JET Harvest Solutions technical advisor for more information. **Bio-Save® 10 LP Biological Fungicide** can be tank-mixed with the anti-scald compound diphenylamine (DPA) when used according to label directions.

**Non-recovery Spray:** Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 gallons of water. Agitate the mixture to ensure proper suspension. Apply to freshly cleaned pome fruit, prior to waxing. Apply over soft, clean brushes or donut rolls.

### POTATOES

**Bio-Save® 10 LP Biological Fungicide** controls the decay caused by dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on both seed and storage potatoes.

**Overhead Spray Application:** Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to potatoes prior to storage. Uniform coverage is required. Apply the entire suspension to 900 / 1500 / 3000 sacks (100 pounds each) of potatoes.

### SWEET POTATOES

**Bio-Save® 10 LP Biological Fungicide** controls the decay of Rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes.

**Overhead Spray Application:** Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to sweet potatoes prior to storage. Uniform coverage is required. Apply the entire suspension to 90000 / 150000 / 300000 pounds of stored sweet potatoes.

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### SUGAR BEETS

**Bio-Save® 10 LP Biological Fungicide** controls the decay caused by *Penicillium* sp. and gray mold (*Botrytis cinerea*) on sugar beets.

**Overhead Spray Application:** Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to sugar beets prior to storage. Uniform coverage is required. Apply the entire suspension to 45 / 75 / 150 tons of sugar beets. **Bio-Save® 10 LP Biological Fungicide** can be tank-mixed with the fungicide thiabendazole when used according to label directions.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

### PESTICIDE STORAGE

Store only in original containers under refrigerator conditions. Do not expose to heat or warm temperatures during storage and transportation. Keep refrigerated until used. Store product separately from food.

### PESTICIDE DISPOSAL

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Completely empty pouch into application equipment. Then, offer for recycling if available, or dispose of empty pouch in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

### WARRANTY STATEMENT

JET Harvest Solutions' instructions for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. To the extent consistent with applicable law, the buyer must assume all responsibilities, including injury or damage, resulting from its misuse as such or in combination with other materials.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS' LIABILITY FOR ANY MALFUNCTION OR NONFUNCTION OF THIS PRODUCT SHALL BE LIMITED TO THE ACTUAL COST OF REPLACEMENT OF THE PRODUCT, AND SHALL NOT, IN ANY EVENT, EXCEED THE ORIGINAL PURCHASE PRICE THEREOF.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS SHALL HAVE NO LIABILITY FOR ANY CLAIM RESULTING FROM THE MISUSE OF THIS PRODUCT OR ANY USE OTHER THAN THAT FOR WHICH IT WAS SPECIFICALLY DESIGNED. No agent of JET Harvest Solutions is authorized to make any warranties beyond those contained on this label.



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